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# REF

PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

## NEW CRATER AT LAUNCH COMPLEX D TYURATAM MISSILE TEST CENTER USSR

[REDACTED] 25X1  
MARCH 1966  
COPY 98  
2 PAGES

[REDACTED] 25X1  
Declass Review by NIMA / DoD

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AUTOMATIC DOWNGRADING  
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**TOP SECRET**

25X1

Approved For Release 2003/04/17 : CIA-RDP78T04759A003700010011-5

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25X1

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March 1966

25X1

## NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NAME

New Crater At Launch Complex D, Tyuratam Missile Test Center

COUNTRY

GEO COORDINATES

USSR

46-01N 064-01E

25X1A

25X1D

ACIC, ONC F-5, 2d ed, Apr 65 (C)

25X1C

25X1

25X1D

[redacted] photography [redacted] revealed a crater within the original fence line at Launch Site D2 (Site 9) of the Tyuratam Missile Test Center, USSR; the crater was not present [redacted]

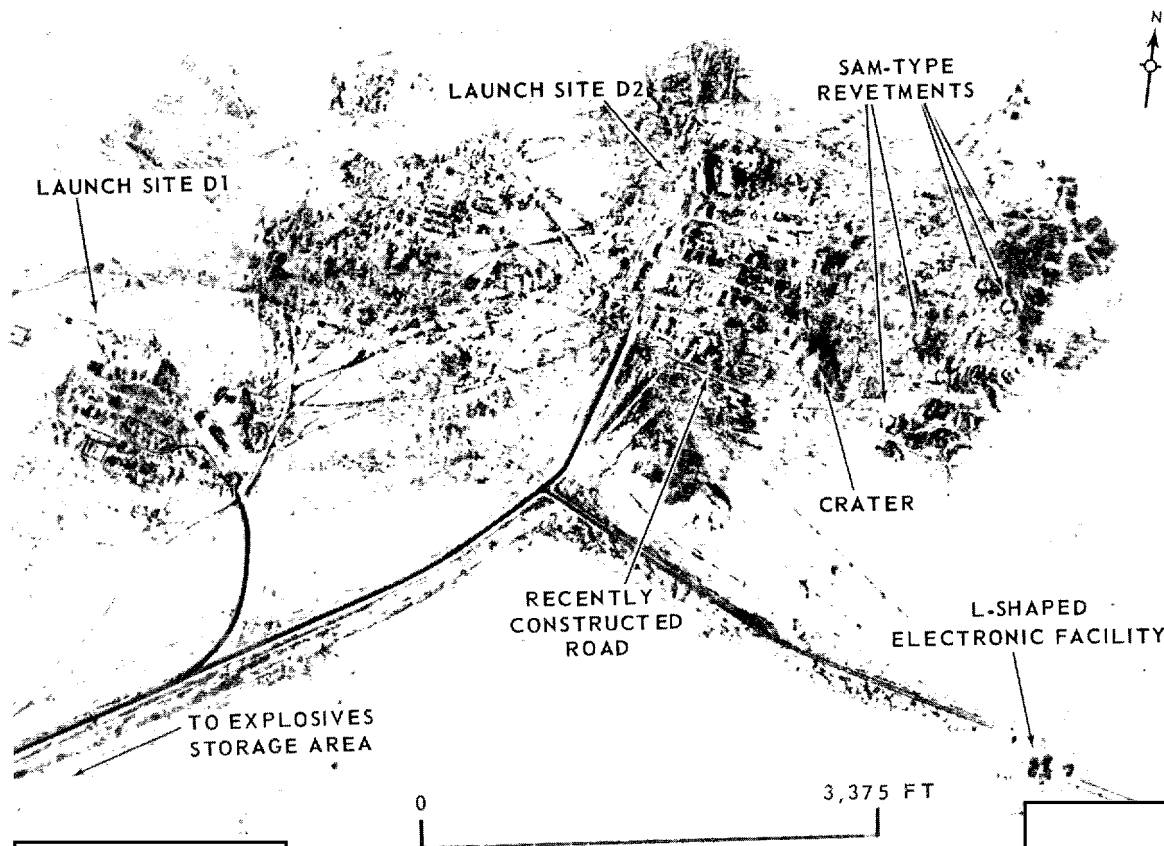
25X1D

25X1D

25X1D

25X1B

[redacted] The lip-to-lip diameter of the crater ranges from 220 to 265 feet, with an inside diameter ranging from 205 to 235 feet. The total depth from the crest of the lip ranges [redacted] feet, and the lip height ranges [redacted]. The depth of the crater from preshot ground level ranges [redacted] (the ground surface before the shot apparently was not level). Due to snow cover, the throwout material around the crater is somewhat indistinct; however, the material appears to extend outward an average radius of 250 feet from the center of the crater. The crater is



25X1

25X1D

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located 805 feet south of the nearest silo, 955 feet south of the center silo, and 1,075 feet south of the most distant silo of Launch Site D2.

Other significant facilities within the general area at Tyuratam Center are a hardened L-shaped electronic facility located 3,375 feet SSE of the crater and Launch Site D1 (Site 4) located [redacted] west of the crater.

25X1D

The crater is apparently the result of a shallow subsurface or surface explosion. The maximum lip height [redacted] suggests that the detonation point was slightly below the surface. The only epicenter identified at present which occurred in the general area [redacted]

25X1D

25X1D

25X1D

It is believed the explosion was probably a high explosive (HE) detonation because of the recent construction of a probably related explosives storage area nearby and of a good-quality road leading to the site of the crater; the road would be necessary for hauling HE to the site. The Explosives Storage Area 6.2 nm SW of Launch Site D2 was constructed [redacted] At least 18 storage buildings representing a total of over 60,000 square feet of space were located within the area [redacted] The new good-quality road, first observed on [redacted] photography [redacted] was constructed from the main access road to the then future site of the crater.

25X1D

[redacted] photography revealed that 5 revetments similar in size and configuration to SAM revetments and 8 drive-in revetments had been constructed generally SE of the crater site. One revetment entryway is in line with the crater site, and the others are at right angles to the crater. Unidentified construction has been observed in the general vicinity of the crater [redacted]

#### ADDITIONAL REFERENCE

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